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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/657,100	09/09/2003	Takeharu Arakawa	Q77201	9856

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EXAMINER

NGUYEN, KHAI MINH

ART UNIT PAPER NUMBER

2687

DATE MAILED: 06/30/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/657,100

Applicant(s)

ARAKAWA, TAKEHARU

Examiner

Khai M Nguyen

Art Unit

2687

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 September 2003.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-5 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 09 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1/21/04.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Priority

1. Receipt is acknowledge of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

2. The references listed in the Information Disclosure Statement filed on January 21, 2004 have been considered by the examiner (see attached PTO-1449 form or PTO/SB/08A and 08B forms).

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-5 are rejected under 35 U.S.C. 102(e) as being anticipated by Kung (U.S.Pat-6584328).

Regarding claim 1, Kung teaches communication terminal unit (fig.1-2, element 12) comprising:

a display unit (fig.2, element 18, col.2, lines 45-59);

a display control unit for displaying the predetermined information on said display unit (fig.1, element 20, col.2, lines 45-59);

a communication unit (fig.1, element 34, col.2, line 60 to col.3, line 4); and

a connection control unit for controlling a connection state of said communication unit with an information center (fig.1, col.2, lines 36-44, *establishing wireless communications between the base station 30 and the wireless handset 12, and a communication server 34 connected to the base station*);

wherein said communication terminal unit acquires the information from said information center by connecting via said communication unit to said information center (fig.1-2, abstract, col.3, lines 27-36, *the searching program will find the target map graphic data and transmit the target map graphic to the wireless handset*), and.

wherein said connection control unit starts a connection to said information center when the display on said display unit transfers to the predetermined display contents under the control of said display control unit (fig.1-2, abstract, col.3, lines 37-50).

Regarding claim 2, the communication terminal unit according to claim 1, wherein when the display on said display unit transfers to the display contents for entering the data to be transmitted via said communication unit under the control of said display

control unit, the connection to said information center is started (fig.1-2, abstract, col.3, lines 27-50).

Regarding claim 3, the communication terminal unit according to claim 1, wherein when the display on said display unit transfers to the display contents for entering the kind of data transmitted via said communication unit under the control of said display control unit, the connection to said information center is started (fig.1-2, abstract, col.3, lines 27-50).

Regarding claim 4, connection control method for use with a communication terminal unit comprising a display unit (fig.1-2, element 18, col.2, lines 45-49), a display control unit for displaying the predetermined information on said display unit (fig.1, element 20, col.2, lines 45-59), a communication unit (fig.1, element 34, col.2, line 60 to col.3, line 4), and a connection control unit for controlling a connection state of said communication unit with an information center (fig.1, col.2, lines 36-44, *establishing wireless communications between the base station 30 and the wireless handset 12, and a communication server 34 connected to the base station*), in which said communication terminal unit acquires the information from said information center by connecting via said communication unit to said information center (fig.1, abstract, col.2, lines 36-44); the method comprising:

detecting that the display on said display unit transfers to the predetermined display contents under the control of said display control unit (fig.1-2, abstract, col.2, lines 45-59, col.3, lines 27-50); and

starting a connection to said information center when the display on said display unit transfers to the predetermined display contents (fig.1-2, abstract, col.2, lines 45-59, col.3, lines 27-50).

Regarding claim 5, computer program for causing a computer to function as a communication terminal unit (fig.1-2, element 12, col.2, lines 45-59) comprising:

a display unit (fig.2, element 18, col.2, lines 45-59);

a display control unit for displaying the predetermined information on said display unit (fig.1, element 20, col.2, lines 45-59);

a communication unit (fig.1, element 34, col.2, line 60 to col.3, line 4); and

a connection control unit for controlling a connection state of said communication unit with an information center (fig.1, col.2, lines 36-44, *establishing wireless communications between the base station 30 and the wireless handset 12, and a communication server 34 connected to the base station*);

wherein said communication terminal unit acquires the information from said information center by connecting via said communication unit to said information center

(fig.1-2, abstract, col.3, lines 27-36, *the searching program will find the target map graphic data and transmit the target map graphic to the wireless handset*), and

wherein said connection control unit starts a connection to said information center when the display on said display unit transfers to the predetermined display contents under the control of said display control unit (fig.1-2, abstract, col.3, lines 37-50).

Citation of Pertinent Prior Art

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Polidi (U.S.Pat-6600994) discloses Quick selection of destination in an automobile navigation system.

Nobukiyo (U.S.Pat-6879285) discloses store information display system and a display method.

Obradovich et al. (U.S.Pat-6868335) discloses Personal communication system for communicating voice data positioning information.

Jin et al. (U.S.Pat-6654683) discloses Method and system for real-time navigation using mobile telephones.

Ishihara et al. (U.S.Pat-6178377) discloses Positional information providing system and apparatus.

Haysashi et al. (U.S.Pat-6477526) discloses System for and method of providing map information.

Katayama et al. (U.S.Pat-6675092) discloses Map information system for moving body.

Millington (U.S.Pat-6385542) discloses Multiple configuration for a vehicle navigation system.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khai M Nguyen whose telephone number is 571.272.7923. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on 571.272.7922. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Khai Nguyen
Au: 2687

6/15/2005


6/27/05
LESTER G. KINCAID
PRIMARY EXAMINER